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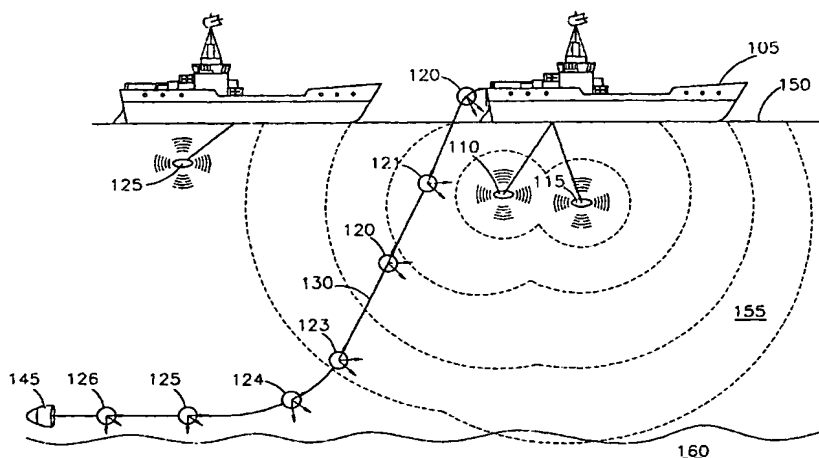
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(54) Title: METHOD AND APPARATUS FOR DETERMINATION OF AN ACOUSTIC RECEIVER'S POSITION



(57) Abstract: A method and apparatus for determining a position of an acoustic receiver (121-126) are disclosed. The method includes determining a first plurality of acoustic ranges from at least a first signal source position (110) and a second signal source position (115), respectively, to the acoustic receiver (121-126); ascertaining a non-acoustic constraint on the acoustic receiver's position; and determining the acoustic receiver's position from the first and second acoustic ranges and the non-acoustic constraint. The apparatus includes at least one acoustic source (110, 115); an acoustic receiver (121-126), and a computing system. The acoustic receiver is capable of receiving a plurality of acoustic signals transmitted by the at least one acoustic source from at least two signal source positions. The computing system is programmed to determine a position of the acoustic receiver from the acoustic ranges between the at least two signal source positions (110, 115) and the acoustic receiver and a non-acoustic constraint.

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